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Technology Center 2600

Applicant: Michael J. Barrett et al.
Serial No: 09/721,326
Confirmation. No.: 7238
Filed: November 22, 2000
For: LOW-HEIGHT, LOW-COST, HIGH-GAIN ANTENNA AND
SYSTEM FOR MOBILE PLATFORMS
Examiner: J. Logsdon
Art Unit: 2662

CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)

The undersigned hereby certifies that this document is being placed in the United States mail with first-class postage attached, addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the 10th day of November, 2003.

Denise M. Donahue
Denise M. Donahue

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Transmitted herewith are the following documents:

- ☒ [X] Request for Corrections of Continuity
- ☒ [X] Copy of Official Filing Receipt with Corrections in Red
- ☒ [X] Copy of First Page of Patent Application
- ☒ [X] Return Receipt Postcard

If the enclosed papers are considered incomplete, the Mail Room and/or the Application Branch is respectfully requested to contact the undersigned at (617) 395-7000.

No check is enclosed. If a fee is required, the Commissioner is hereby authorized to charge Deposit Account No. 50/2762, Ref. No. A0602/7002. A duplicate of this sheet is enclosed.

Respectfully submitted,
Michael J. Barrett et al., Applicants
By: *John N. Anastasi*
John N. Anastasi, Reg. No. 37,765
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Riverfront Office Park
One Main Street
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Docket No. A0602/7002
Date: November 10, 2003



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Denise M. Donahue

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

REQUEST FOR CORRECTION OF CONTINUITY

Sir:

This is a request for correction of the priority date as listed on the enclosed Official Filing Receipt Document dated March 21, 2001, in connection with the above-identified application. The Priority claim is listed as "THIS APPLN CLAIMS BENEFIT OF 60/235,796 09/27/2000 AND A CON OF 09/382,969 09/17/1999". However, the filing receipt should read – **THIS APPLN CLAIMS BENEFIT OF 60/235,796 FILED 09/27/2000 AND IS A CON OF 09/382,969 FILED 09/17/1999, WHICH IS A CON OF U.S. PATENT NO. 5,973,647 FILED 09/17/1997** –as identified in the first paragraph of the application as filed.

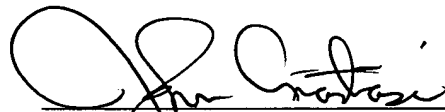
In support of the above Request, a copy of the Official Filing Receipt Document is enclosed

with the correction noted in red and a copy of the first page of the application, including the priority claim, as filed.

It is respectfully requested that the continuing data be corrected.

If there is a fee occasioned by this request, please charge the fee to the account of the undersigned, Deposit Account No. 50/2762.

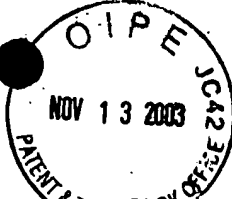
Respectfully Submitted,
Michael J. Barrett et al., Applicants



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Docket No.: A0602/7002
Date: November 10, 2003

JNA



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APPLICATION NUMBER	FILING DATE	GRP ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLAIMS	IND CLAIMS
09/721,326	11/22/2000	2661	809	A0602/7002	12	39	4

CONFIRMATION NO. 7238

FILING RECEIPT

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Date Mailed: 03/21/2001

Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Customer Service Center. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the PTO processes the reply to the Notice, the PTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

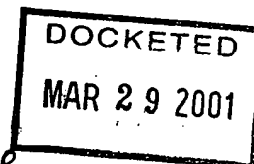
Applicant(s)

Michael J. Barrett, Temple, NH;
Richard B. Anderson, Aurora, OH;
Richard Clymer, Concord, NH;
John Sabat, Merrimack, NH;

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Continuing Data as Claimed by Applicant

THIS APPLN CLAIMS BENEFIT OF 60/235,796 09/27/2000
AND A CON OF 09/382,969 09/17/1999



Foreign Applications

THIS APPLN CLAIMS BENEFIT OF 60/235,796
FILED 09/27/2000 AND IS A CON OF 09/382,969
FILED 09/17/1999, WHICH IS A CON OF U.S. PATENT NO. 5,973,647

If Required, Foreign Filing License Granted 03/20/2001 FILED 09/17/1999

Projected Publication Date:

Non-Publication Request: No

Early Publication Request: No

** SMALL ENTITY **

Title

Low-height, low-cost, high-gain antenna and system for mobile platforms

Preliminary Class

370

Data entry by : LUONG, CHI-KIEN

Team : OIPE

Date: 03/21/2001

**LICENSE FOR FOREIGN FILING UNDER
Title 35, United States Code, Section 184
Title 37, Code of Federal Regulations, 5.11 & 5.15**

GRANTED

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

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The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Office of Export Administration, Department of Commerce (15 CFR 370.10 (j)); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

NOT GRANTED

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15 (b).

PLEASE NOTE the following information about the Filing Receipt:

- The articles such as "a," "an" and "the" are not included as the first words in the title of an application. They are considered to be unnecessary to the understanding of the title.
- The words "new," "improved," "improvements in" or "relating to" are not included as first words in the title of an application because a patent application, by nature, is a new idea or improvement.
- The title may be truncated if it consists of more than 600 characters (letters and spaces combined).
- The docket number allows a maximum of 25 characters.
- If your application was submitted under 37 CFR 1.10, your filing date should be the "date in" found on the Express Mail label. If there is a discrepancy, you should submit a request for a corrected Filing Receipt along with a copy of the Express Mail label showing the "date in."
- The title is recorded in sentence case.

Any corrections that may need to be done to your Filing Receipt should be directed to:

Assistant Commissioner for Patents
Office of Initial Patent Examination
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Washington, DC 20231



- 1 -

Express Mail Label No. EL711249186US
Date of Deposit: November 22, 2000

LOW-HEIGHT, LOW-COST, HIGH-GAIN ANTENNA AND SYSTEM FOR
MOBILE PLATFORMS

Related Applications

- 5 This application claims priority under 35 U.S.C. §119(e)(1) to Provisional
✓ Application Serial No. 60/235,796, entitled, "Micro-Communications Methodology
and System for Mobil Platforms," filed on September 27, 2000, and claims priority under
35 U.S.C. §120 to commonly-owned, co-pending U.S. Patent Application Serial No.
09/382,969, entitled, "Low-Height, Low-Cost, High-Gain Antenna and System of
10 Mobile Platforms," filed on September 17, 1999; which claims priority under 35 U.S.C.
§120 to U.S. Patent Application Serial No. 08/932,190, "In Flight Video Apparatus and
Method," filed on September 17, 1997 and issued on October 26, 1999 as U.S. Patent
No. 5,973,647. Each of these applications is herein incorporated by reference in its
entirety.

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Field of the Invention

- The present invention relates to a communications methodology and system for
providing communication signals of interest to movable platforms, for possible use by
passengers associated with the destinations, which are located in areas where the signal
20 would not otherwise be available.

Description of the Related Art

- A recent study (<http://mobility.tamu.edu/study/PDFs/FinalReport.pdf>) showed
that vehicle usage on major roadways in the US is now very high resulting in common
25 time delays for passengers. The study also showed that this problem of traffic
congestion is no longer confined to large cities, but is becoming a significant concern in
small and medium-sized cities. Numerous commuters waste a significant amount of time
each day as a result of traffic delays they experience while travelling to and from work.

- Various methods of communicating to passengers within vehicles are currently in
30 use. Many of these are mobile cellular networks that provide communication services for
a predetermined geographical area. This area is usually large and is usually divided into
numerous smaller geographical areas called "cells". A base station is usually located in